

CLAYTON CHEMICAL CO. -- SUPERCHEM 225 HC FIXER -- 6750-00-155-6956

===== Product Identification =====

Product ID: SUPERCHEM 225 HC FIXER

MSDS Date: 01/06/1988

FSC: 6750

NIIN: 00-155-6956

MSDS Number: BJYRV

=== Responsible Party ===

Company Name: CLAYTON CHEMICAL CO.

Address: 13310 FIGUEROA STREET

City: LOS ANGELES

State: CA

ZIP: 90061

Country: US

Info Phone Num: 213-538-9530

Emergency Phone Num: 213-538-9530

CAGE: 61803

=== Contractor Identification ===

Company Name: CLAYTON

CHEMICAL CO.

Address: 13310 S. FIGUEROA STREET

Box: City: LOS ANGELES

State: CA

ZIP: 90061

Country: US

Phone: 310-538-9530/800-424-9300 (CHEMTREC)

CAGE: 61803

===== Composition/Information on Ingredients =====

Ingred Name: ACETIC ACID (SARA III)

CAS: 64-19-7

RTECS #: AF1225000

Fraction by Wt: 12%

Other REC Limits: NONE SPECIFIED

OSHA PEL: 10 PPM

ACGIH TLV: 10 PPM/15 STEL; 9192

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT ESTABLISHED.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION:IRRITATION, PULMONARY
EDEMA, AND CHEMICAL PNEUMONITIS. EYES:IRRITATION/BURNS.
SKIN:IRRITATION. VAPORS MAY CAUSE MUCOUS MEMBRANE IRRITATION.
INGESTION: MAY CAUSE BURNS OF THE ESOPHAGUS AND S TOMACH, ABDOMINAL
PAIN.
Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS
PRODUCT IS
LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.
Effects of Overexposure:IRRITATION OF EYES, SKIN, THROAT, COUGHING,
CHEST PAIN AND BREATHING DIFFICULTY.
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS
OR WITH A PRE-EXISTING DISEASE INVOLVING THE SKIN, EYES AND LUNGS
MAY BE AT INCREASED RISK FROM EXPOSURE.

===== First Aid Measures =====

First Aid:EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES
H
OLDING EYELIDS OPEN. GET IMMEDIATE MEDICAL ATTENTION. SKIN:REMOVE
CONTAMINATED CLOTHING AND SHOES. WASH SKIN WITH SOAP AND WATER. GET
MEDICA L ATTENTION. INGESTION:DO NOT INDUCE VOMITING. GIVE NOTHING
BY MOUTH IF UNCONSCIOUS. IMMEDIATELY GIVE ONE GLASS OF MILK OR
WATER. CALL A PHYSICIAN AT ONCE. NOTE: ALKALINE SOLUTION. TREAT
ACCORDINGLY.

===== Fire Fighting Measures =====

Flash Point Method:CC
Flash Point:>109F,>43C
Extinguishing Media:US
E WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

===== Accidental Release Measures =====

Spill Release Procedures:NEUTRALIZE WITH SODIUM BISULFATE. WIPE/SOAK

UP

WITH PAPER TOWEL OR INERT ABSORBENT. PUT IN DISPOSAL CONTAINER.
REMOVE RESIDUE WITH LARGE AMOUNTS OF WATER BY FLUSHING TO AN
ACID-FREE SEWER.

Neutralizing Agent:SODIUM BISULFATE

===== Handling and Storage =====

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED WHEN
NOT IN USE AND AWAY FROM ACIDS. KEEP FROM CONTACT WITH OXIDIZING
MATERIALS. PROTECT CONTAINERS FROM DAMAGE.

Other Precautions:AVOID CONTACT WITH EYES. WASH THO
ROUGHLY AFTER
HANDLING. USE OF NON-ALKALINE TYPE HAND CLEANER REDUCES RISK OF
ALLERGIC SKIN REACTION.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:AN APPROPRIATE NIOSH-APPROVED RESPIRATOR FOR
ORGANIC VAPOR SHOULD BE WORN IF NEEDED.
Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE.
Protective Gloves:NEOPRENE OR NATURAL RUBBER
Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD
Other Protective Equipment:EYE WASH
STATION AND SAFETY SHOWER.
INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR
FOOTWEAR.

Supplemental Safety and Health
AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES.
LAUNDER CONTAMINATED CLOTHING PRIOR TO REUSE.

===== Physical/Chemical Properties =====

HCC:C2
Boiling Pt:=100.C, 212.F
Spec Gravity:1.
15
pH:4.8
Evaporation Rate & Reference: